

Converting Colors

CIELCh(78, 68.160, 95.325)

Have a look what the booklet for
CIELCh(78, 68.160, 95.325) contains.

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Color

CIELCh(78, 68.134, 95.290)

Conversions

Conversions Part 1

Format	Color
Hex	D8C137
RGB	216, 193, 55
RGB Percent	85%, 76%, 22%
CMY	0.1516, 0.2419, 0.7829
CMYK	0.00, 0.11, 0.74, 0.15
HSL	51°, 68%, 53%
HSV	51°, 74%, 85%
XYZ	48.2603, 53.2120, 11.3860
YIQ	184.1450, 58.0060, -38.0420

Conversions

Conversions Part 2

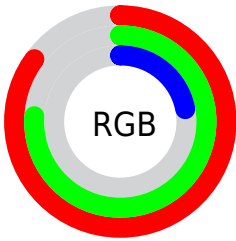
Format	Color
R _Y B	82, 216, 55
Decimal	14205239
CIE Lab	78.00, -6.28, 67.84
CIE LCh	78, 68.134, 95.290
Yxy	53.2120, 0.4276, 0.4715
Android (android.graphics.Color)	4292395319 (0xFFD8C137)
YUV	184.1450, -63.6685, 27.9368
Hunter-Lab	72.9466, -9.5637, 41.8082

Details

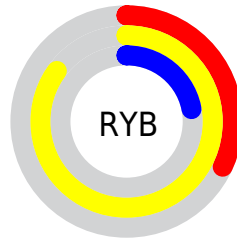
The CIELCh color **78, 68.134, 95.290** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **40, 82.659, 297.988**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 67.211, 102.844**, and **58, 62.586, 95.470** is the 20% darker color. If you saturate the color by 10%, you get **77, 73.642, 94.217**, and if you desaturate by 10%, it is **79, 60.820, 96.389**.

Distribution



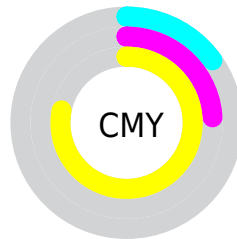
- Red (85%)
- Green (76%)
- Blue (22%)



- Red (32%)
- Yellow (85%)
- Blue (22%)



- Cyan (0%)
- Magenta (11%)
- Yellow (74%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 68.134, 95.290 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 78, 68.134, 95.290 by changing the saturation by 10% instead.

 78, 68.134, 95.290

 78, 68.134, 95.290

 100, 68.134,
95.290

 68, 68.134, 95.290

 98, 68.134, 95.290

 58, 68.134, 95.290

 48, 68.134, 95.290

 38, 68.134, 95.290

 28, 68.134, 95.290

 18, 68.134, 95.290

 8, 68.134, 95.290

 0, 68.134, 95.290

 78, 68.134, 95.290

 78, 68.134, 95.290

77, 73.642, 94.217

79, 60.820, 96.389

76, 76.745, 93.138

80, 52.334, 97.511

76, 77.650, 92.528

81, 43.159, 98.649

82, 33.610, 99.793

83, 23.881,
100.929

85, 14.088,
102.046

86, 4.299, 103.119

87, 5.449, 284.236

89, 15.132,
285.242

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78, 68.134, 95.290



40, 82.659, 297.988

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 68.134, 95.290



78, 68.134, 145.290



78, 68.134, 275.290



78, 68.134, 325.290

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78, 68.134, 95.293



97, 24.590, 101.178



49, 67.488, 21.525



51, 16.522, 100.869



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 68.134, 95.293



89, 85.639, 93.636



80, 79.551, 120.584



45, 5.496, 102.592



61, 65.203, 92.713



15, 21.599, 95.723

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40, 82.659, 297.988



39, 113.823, 302.101



40, 93.952, 308.833



42, 5.580, 284.714



22, 91.181, 303.934



3, 24.857, 290.614

Previews

White Background



This preview shows how the CIELCh color 78, 68.134, 95.290 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 68.134, 95.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 68.134, 95.290

Background



This preview shows how black text looks on a background with the CIELCh color 78, 68.134, 95.290.



This preview shows how white text looks on a background with the CIELCh color 78, 68.134, 95.290.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78, 68.134, 95.290

Protanopia

78, 68.134, 95.290

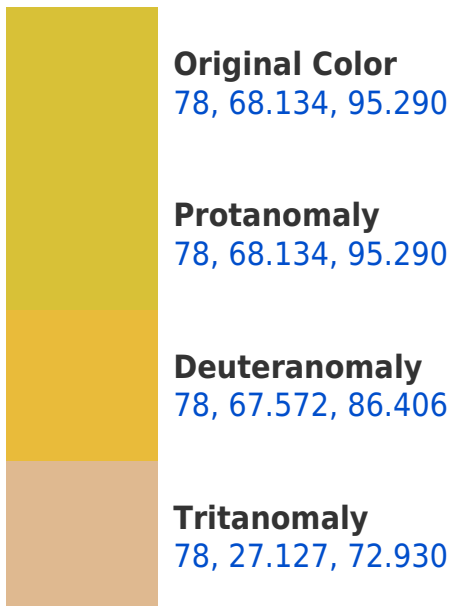
Deuteranopia

78, 68.102, 81.387



Tritanopia
78, 19.168, 358.227

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 68.134, 95.290 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(216, 193, 55)` looks like.

```
.text, #text, p{  
    color:rgb(216, 193, 55)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 193, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 193, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 68.134, 95.290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 193, 55) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(216, 193, 55) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(216, 193, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 193, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 193, 55);  
box-shadow:4px 4px 4px 4px rgb(216, 193,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 68.134, 95.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 193, 55) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216,  
193, 55) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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